

## General Description:

PU MATT # 2160 BLACK is a polyurethane material based on saturated polyester resin and selected pigment. It is formulated to give a maximum gloss and high jetness, thanks for the high quality of raw material. Furthermore, PU MATT # 2160 BLACK is resistant to both extreme weather with non – yellowing effect, resistant to abrasion and provides a very smooth and glossy finish.

## Characteristics and Physical Properties:

Appearance	Liquid Pigmented
Colour	Black
Specific weight	1.05 kg/L
Viscosity (25 <sup>0</sup> C)	25~30" FC # 4
Flash point	21 <sup>0</sup> C
Non-volatile	50%
VOC content	535 g/L
Gloss (60 <sup>0</sup> )	10/20/30
Application condition: Air temperature Relative humidity	5 ~ 35 <sup>0</sup> C 85% max.
Application method	Conventional or automatic spraying
Recommended Catalyst	Catalyst # 013
Mixing/Dilution Ratio (FC # 4 @ 13~15 sec.)	Base:Catalyst:Thinner 100 : 50 : 15~20
Pot life (25 <sup>0</sup> C)	3-4 hours
Drying time @ 25 <sup>0</sup> C Dust free To touch To recoat Hard dry	20-25 min. 45-60 min. 2-3 hours 24-36 hours
Coating rate	7-9 m <sup>2</sup> /L
Pencil Hardness	H-2H
Recoating	One coat may be sufficient for ordinary finish. However, one additional coat can be applied wet on wet if necessary. Light sanding with 400~600 grit sand paper is recommended before subsequent coats when recoating time exceeds 3 hours.
Recommended Basecoat	PU Primer White or Plastofil # 350 White

## Major Uses:

Highly recommended to all woodworks, furniture such as beds, cabinets, chairs, sofas, doors and frames, turned pieces and the likes.

## Method of Application:

- The surface to be top coated should be primed with either polyurethane primer or polyester primer white.
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants to ensure long lasting effect.
- To obtain a smooth finish, ensure that the basecoat is sufficient to avoid uneven and irregular surface.
- For cracks, crates and nail holes, it is advisable to fill with either Putty Filler, NC Putty # 2185 White or Polyester putty.
- Apply 1 – 2 coats of PU MATT # 2160 BLACK horizontally and vertically.

## Packing:

Available in 1Usg, 20 lit. Pail and 200lit Drum.

## Storage:

Shelf life 12 months minimum if stored below 25<sup>0</sup>C.

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105 as soon as possible.

## Physiological Hazards:

PU MATT # 2160 BLACK\_and Catalyst # 013 do not contain dangerous solvents; nevertheless, good ventilation in working rooms is recommended a well as the use of safety tools and equipment. PU MATT # 2160 BLACK\_and Catalyst # 013 in its liquid state is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and consult medical advice.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

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